

February 2016

ANZCA PRIMARY EXAMINATION RECOMMENDED TEXTS FOR THE BASIC SCIENCES IN ANAESTHESIA

Candidates are advised that all examination questions are based on Learning Outcomes and that the great majority of information required is contained in the recommended texts. Please note that the most recent version of each of the following texts is the recommended text. Nearly all of these text are available on-line through the ANZCA library.

However, some topics are only superficially covered in the textbooks and candidates are advised to draw on many resources as they study, in order to gain a deeper understanding of those areas that relate to everyday anaesthetic practice.

ANATOMY

No specific textbook is recommended for the anatomy section of the syllabus, as any general text would be considered suitable. The following text could be consulted for more detailed information in specific areas.

[Anatomy for anaesthetists](#) / H Ellis and A Lawson – 9th ed – West Sussex, UK : Wiley Blackwell, 2014.

GENERAL PHYSIOLOGY AND PHARMACOLOGY

[Miller's Anesthesia](#) / ed by R D Miller, et al – 8th ed – Philadelphia, PA : Elsevier Saunders, 2015

[Oh's Intensive Care Manual](#) / ed by A D Bersten and N Soni - 7th ed – Edinburgh : Butterworth-Heinemann, 2014.

[Clinical Pain Management : Acute Pain](#) / ed by D J Rowbotham and P E Macintyre – 2nd ed - London : Arnold, 2008.

[Acute Pain Management : Scientific Evidence](#) / Australian and New Zealand College of Anaesthetists and Faculty of Pain Medicine – 4th ed – Melbourne : ANZCA, 2015

Foundations of Anesthesia : Basic Sciences for Clinical Practice / ed by H C Hemmings and P M Hopkins – 2nd ed – Philadelphia : Mosby Elsevier, 2006.

General Physiology

[Guyton and Hall Textbook of Medical Physiology](#) / ed by J E Hall - 13th ed - Philadelphia : Elsevier, 2016.

February 2016

[Ganong's Review of Medical Physiology](#) / ed by K E Barrett, et al – 24th ed – New York : McGraw-Hill Medical Books, 2013.

[Principles of Physiology for the Anaesthetist](#) / P Kam and I Power – 3rd ed – Boca Raton, Fl. : CRC Press, 2015.

Respiratory

Respiratory Physiology : the Essentials / J B West – 9th ed - Philadelphia : Wolters Kluwer/ Lippincott Williams & Wilkins, 2012.

[Nunn's Applied Respiratory Physiology](#) / A B Lumb - 7th ed - Edinburgh : Churchill-Livingstone Elsevier, 2010.

Cardiovascular

[Cardiovascular Physiology](#) / A J Pappano, W G Wier and M N Levy - 10th ed - Philadelphia, PA: Elsevier/Mosby, 2013.

Renal Physiology

[Vander's Renal Physiology](#) / D C Eaton and J P Pooler – 8th ed - New York : McGraw-Hill, 2013.

CLINICAL MEASUREMENT, EQUIPMENT AND SAFETY

Basic Physics and Measurement in Anaesthesia / P D Davis and G N C Kenny - 5th ed - Edinburgh : Butterworth-Heinemann, 2002.

Clinical Monitoring : Practical Applications for Anesthesia and Critical Care / ed by C L Lake, R L Hines and C D Blitt - Philadelphia : WB Saunders, 2001.

The Physics, Clinical Measurement and Equipment of Anaesthetic Practice: for the FRCA / P Magee and M Tooley - 2nd ed - Oxford : Oxford University Press, 2011.

[A Practical Approach to Anesthesia Equipment](#) / J A Dorsch and S E Dorsch - Philadelphia ; Sydney: Wolters Kluwer - Lippincott Williams and Wilkins, 2011.

[Essentials of Anaesthetic Equipment](#) / B Al-Shaikh and S Stacey – 4th ed – Edinburgh : Churchill Livingstone Elsevier, 2013.

February 2016

PHARMACOLOGY

General Pharmacology

[Rang and Dale's Pharmacology](#) / H P Rang, et al - 8th ed - Edinburgh : Elsevier-Churchill-Livingstone, 2015.

[Goodman and Gilman's the Pharmacological Basis of Therapeutics](#) / ed by L L Brunton – 12th ed - New York : McGraw-Hill, 2011.

[Basic and Clinical Pharmacology](#) / ed by B G Katzung and A J Trevor – 13th ed – New York : McGraw-Hill, 2015.

Anaesthetic Pharmacology

[Stoelting's Pharmacology and Physiology in Anesthetic Practice](#) / ed by S Shafer, J P Rathmell, James P Flood, Pamela —5th ed - Philadelphia, PA: Lippincott Williams and Wilkins, 2015.

[Cousins and Bridenbaugh's Neural blockade : in Clinical Anaesthesia and Management of Pain](#) / M J Cousins and P O Bridenbaugh – 4th ed – Philadelphia, PA : Lippincott Williams and Wilkins, 2009.

[Anesthetic Pharmacology : Basic principles and clinical practice](#) / ed by A S Evers, M Maze and E D Kharasch – 2nd ed - New York : Churchill-Livingstone, 2011.

MacPherson, R.D. [Pharmaceutics for the anaesthetist](#). *Anaesthesia*, 2001, 56 (10), 965-979.

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